

Electronic Filing System (EFS) Data  
Electronic Patent Application Submission  
USPTO Use Only

EFS ID: 17634  
Application ID: 10064977  
Title of Invention: METHOD AND SYSTEM FOR  
IMPROVED SOUND QUALITY OF  
AUTOMOTIVE AUDIO  
First Named Inventor: Shinichi Sato  
Domestic/Foreign Application: Domestic Application  
Filing Date: null  
Effective Receipt Date: 2002-09-05  
Submission Type: Utility Patent Filing  
Filing Type: new-utility  
Confirmation Number: 0  
Attorney Docket Number: PC 2200.01US  
Digital Certificate Holder: cn=Steve A Wong, ou=Registered Attorneys, ou=Patent and  
Trademark Office, ou=Department of Commerce, o=U.S.  
Government, c=US  
Certificate Message Digest: BEhiwusBShquoj7QG8CloA==  
Total Fees Authorized: \$990.0  
Payment Category: DA - Deposit Account  
Deposit Account Number: 41175  
Deposit Account Name: Steve A. Wong



# TRANSMITTAL FORM

Electronic Version 1.0.3

Stylesheet Version: 1.0

Submission Type: Utility  
Patent Filing

Attorney Docket  
Number:

PC  
2200.01US



## METHOD AND SYSTEM FOR IMPROVED SOUND QUALITY OF AUTOMOTIVE AUDIO

First Named Inventor: Mr. Shinichi Sato

### SUBMITTED BY

Name:	Mr. Steve A. Wong
Registration Number:	37,968
Electronic Signature Mark: Steve A. Wong	Date Signed: 20020905

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*I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.*

### Attached Files:

declaration	Declaration1.tif
declaration	Declaration2.tif





PC 2200.01 US

PTO/SB/01 (10-01)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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<b>DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)</b>  <input checked="" type="checkbox"/> Declaration Submitted with Initial Filing      OR <input type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)	<b>Attorney Docket Number</b>	PC 2200.01 US
	<b>First Named Inventor</b>	Shinichi Sato
	<b>COMPLETE IF KNOWN</b>	
	<b>Application Number</b>	/
	<b>Filing Date</b>	Herewith
	<b>Art Unit</b>	Not Yet Known
	<b>Examiner Name</b>	Not Yet Known

As the below named Inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**METHOD AND SYSTEM FOR IMPROVED SOUND QUALITY OF AUTOMOTIVE AUDIO**

(Title of the Invention)

the specification of which

☒ is attached hereto

OR

☐ was filed on (MM/DD/YYYY)

as United States Application Number or PCT International

Application Number and was amended on (MM/DD/YYYY) (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

(Page 1 of 2)

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**NAME OF SOLE OR FIRST INVENTOR**

A petition has been filed for this unsigned inventor

Given Name

(first and middle [if any]) Shinichi

Family Name

or Surname Sato

Inventor's  
Signature*Shinichi Sato*8/23/02  
Date

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**NAME OF SECOND INVENTOR:**

A petition has been filed for this unsigned inventor

Given Name

(first and middle [if any])

Family Name

or Surname

Inventor's  
Signature

Date

Residence: City

State

Country

Citizenship

Mailing Address

City

State

ZIP

Country

☐ Additional inventors are being named on the \_\_\_\_\_ supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.

(Page 2 of 2)

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Please type a plus sign (+) inside this box



PTO/SB/81 (02-01)

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<b>POWER OF ATTORNEY OR AUTHORIZATION OF AGENT</b>	Application Number	Unknown
	Filing Date	Herewith
	First Named Inventor	Shinichi Sato
	Title	METHOD AND SYSTEM FOR... AUDIO
	Group Art Unit	Not Yet Known
	Examiner Name	Not Yet Known
	Attorney Docket Number	PC 2200.01 US

I hereby appoint:

☒ Practitioners at Customer Number 33379

OR

☐ Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

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I am the:

☒ Applicant/Inventor.

☐ Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

**SIGNATURE of Applicant or Assignee of Record**

Name	Shinichi Sato
Signature	<i>Shinichi Sato</i>
Date	8/23/02

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

☒ Total of 1 forms are submitted.

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Electronic Version 1.1.0

Stylesheet Version: 1.0

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Large Entity

**TOTAL FEES AUTHORIZED: \$ 990**

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

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Deposit Account Name: Discovision Associates



Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

Charge Assignment Fees Required Under 37 C.F.R. Section 1.21 (h).

## SUBMITTED BY

Authorized Name: Steve A. Wong  
Electronic Signature Mark: Steve A. Wong  
Date Signed: 20020905

## BASIC FILING FEE

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	101	\$ 740

Subtotal For Basic Filing Fee: \$ 740

## EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 27	103	\$ 18	7	\$ 126
Independent Claims: 4	102	\$ 84	1	\$ 84



Subtotal For Extra Claims Fees: \$ 210

ADDITIONAL FEES

Fee Description	Number	Quantity	Fee Code	Amount	Fee Paid
Recording Each Patent Assignment Per Property Fee	00000000	1	581	\$ 40	\$ 40

Subtotal For Additional Fees: \$ 40